FIG 1

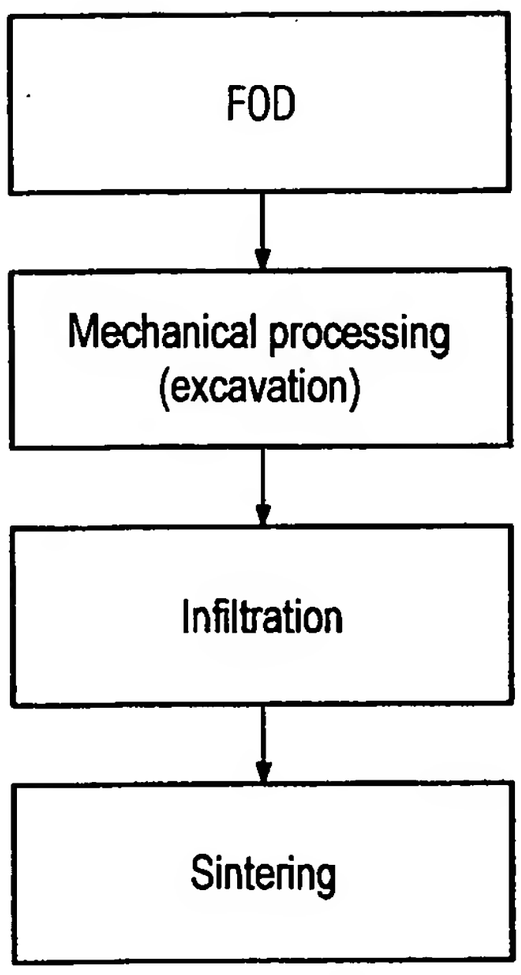
FOD
Mechanical processing (excavation)
Infiltration
Sintering

FIG 2

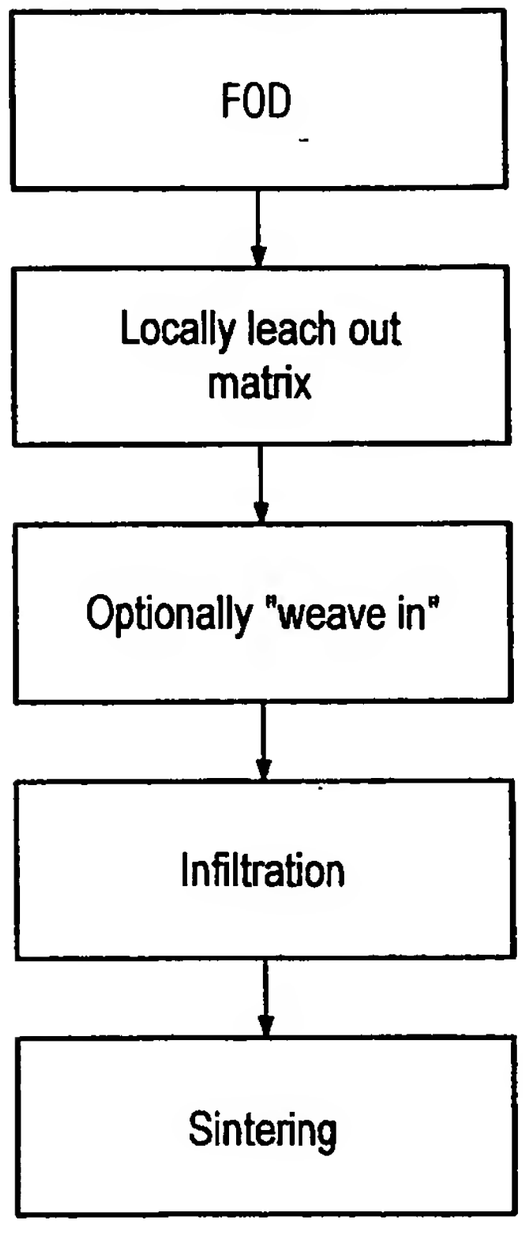
FOD
Locally leach out matrix
Optionally "weave in"
Infiltration
Sintering

FIG 3

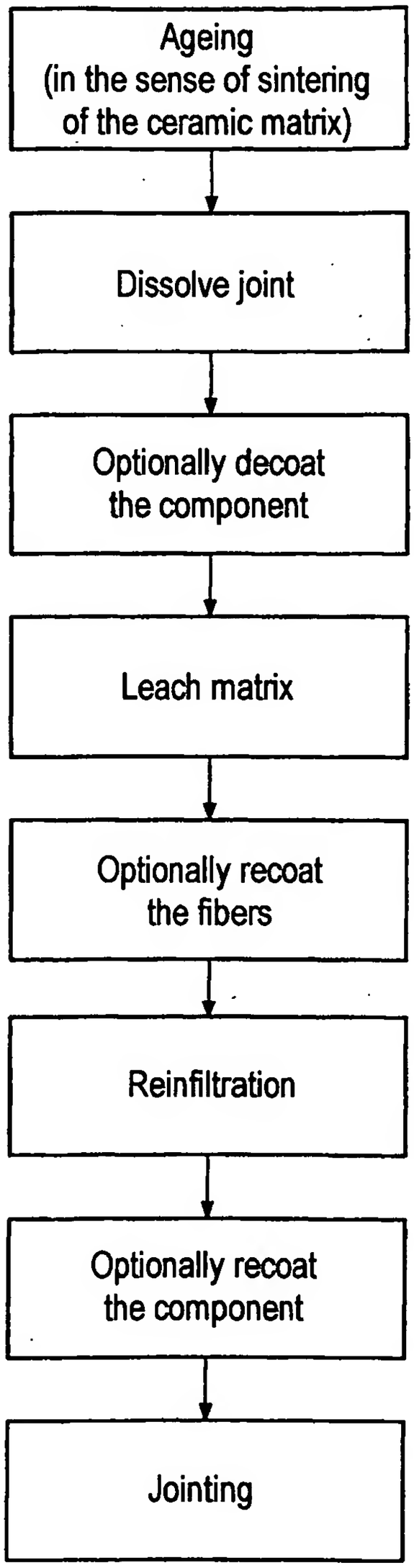
Ageing
(in the sense of sintering
of the ceramic matrix)
Dissolve joint
Optionally decoat
the component
Leach matrix
Optionally recoat
the fibers
Reinfiltration
Optionally recoat
the component
Jointing

FIG 4

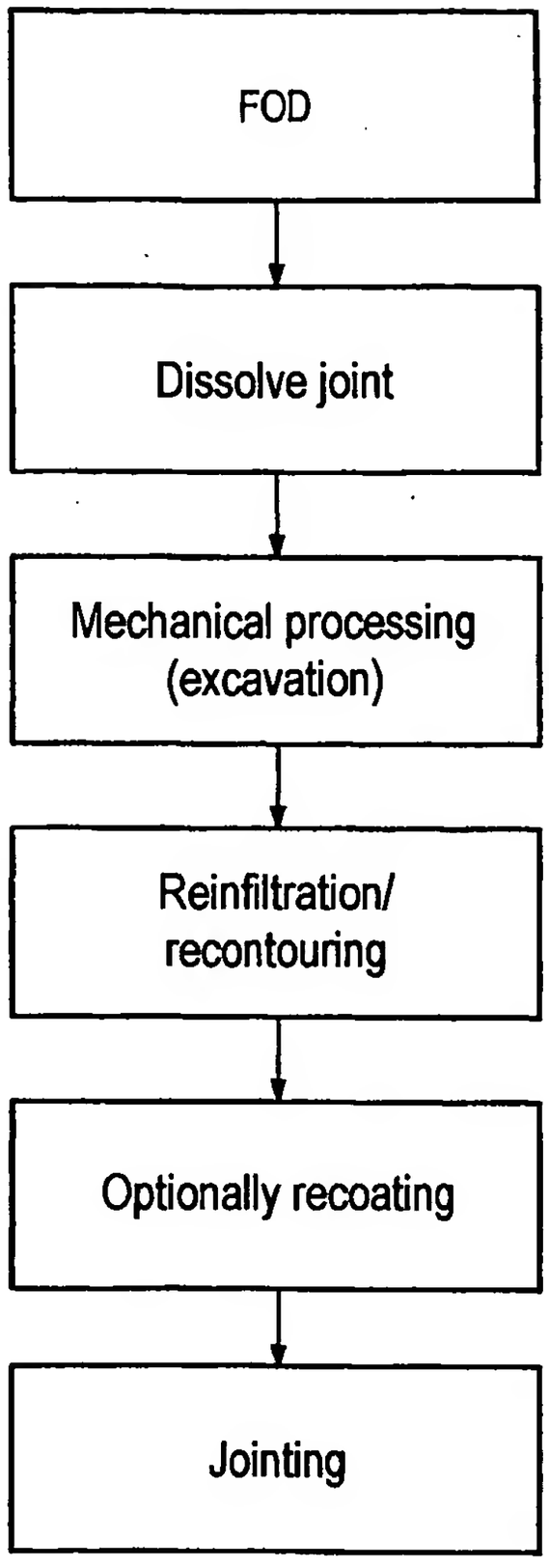
FOD
Dissolve joint
Mechanical processing
(excavation)
Reinfiltration/
recontouring
Optionally recoating
Jointing

FIG 5

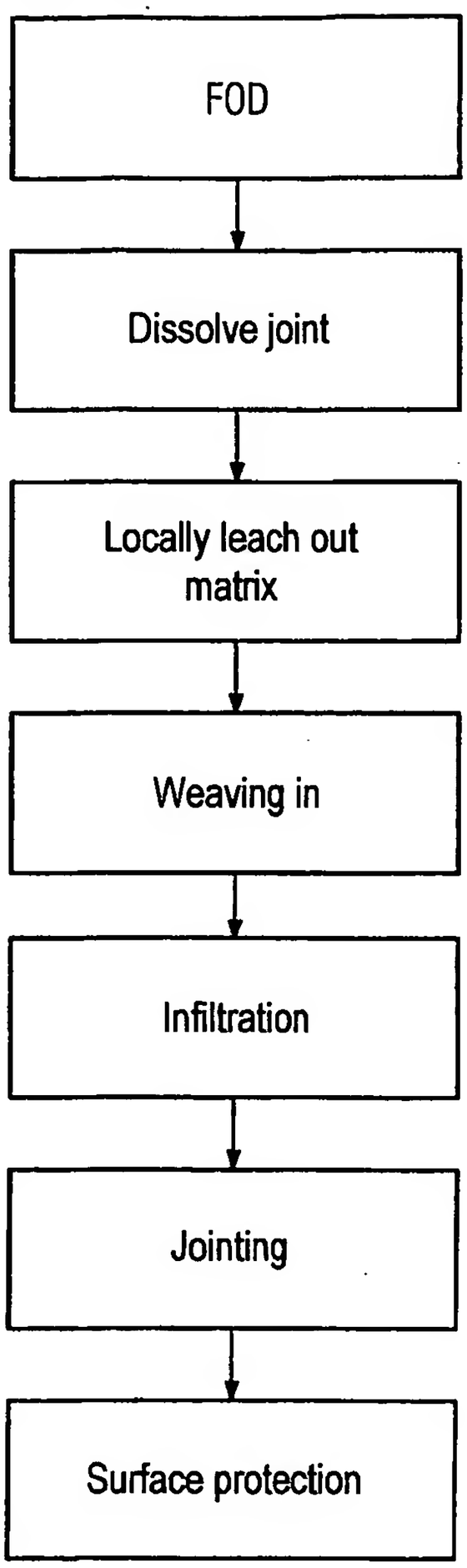
FOD
Dissolve joint
Locally leach out matrix
Weaving in
Infiltration
Jointing
Surface protection

FIG 6

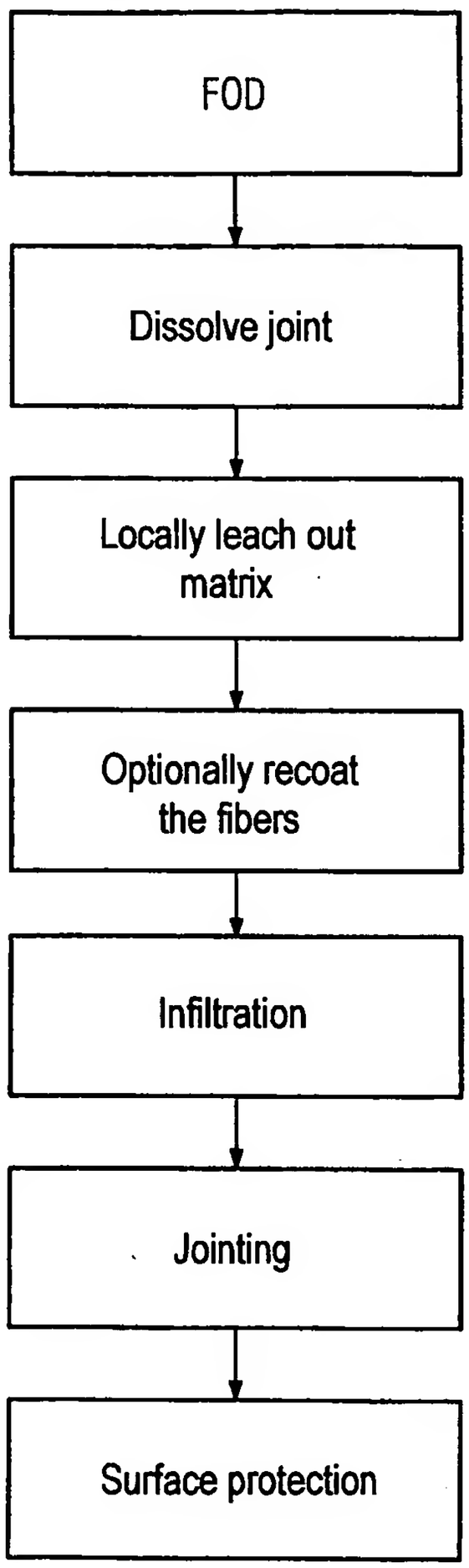
FOD
Dissolve joint
Locally leach out matrix
Optionally recoat the fibers
Infiltration
Jointing
Surface protection

FIG 7

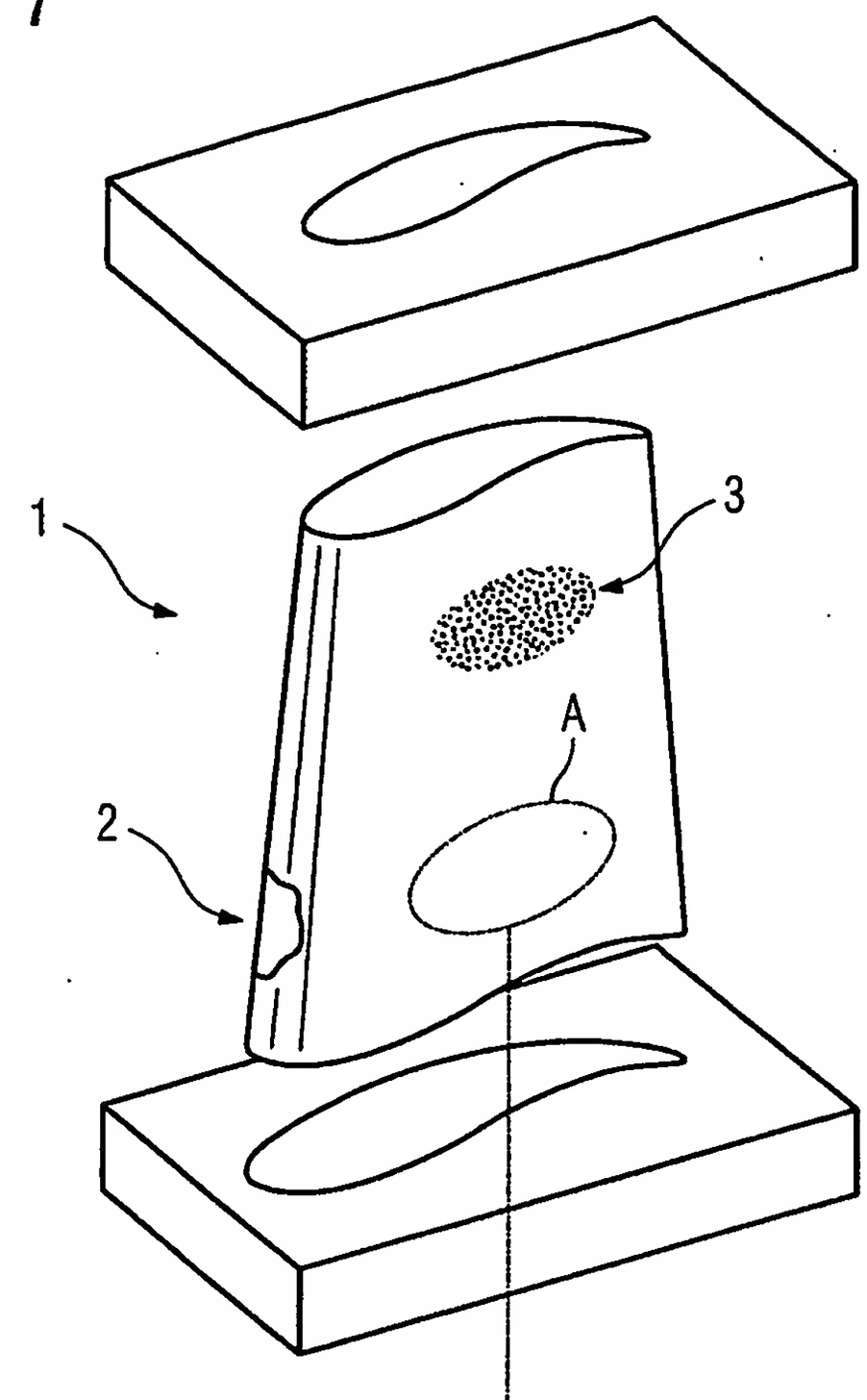

FIG 8

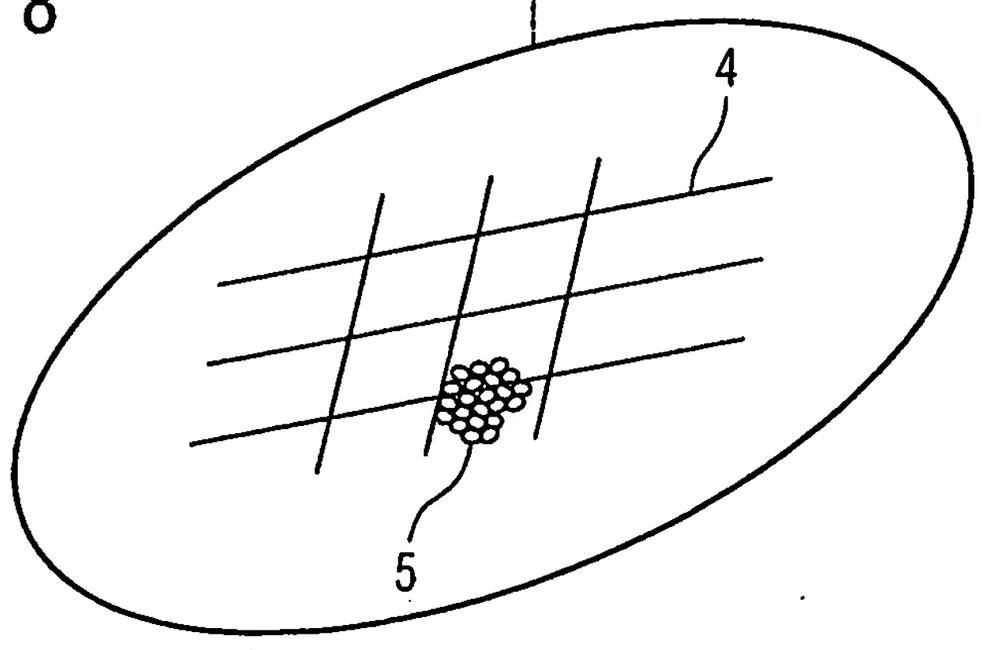
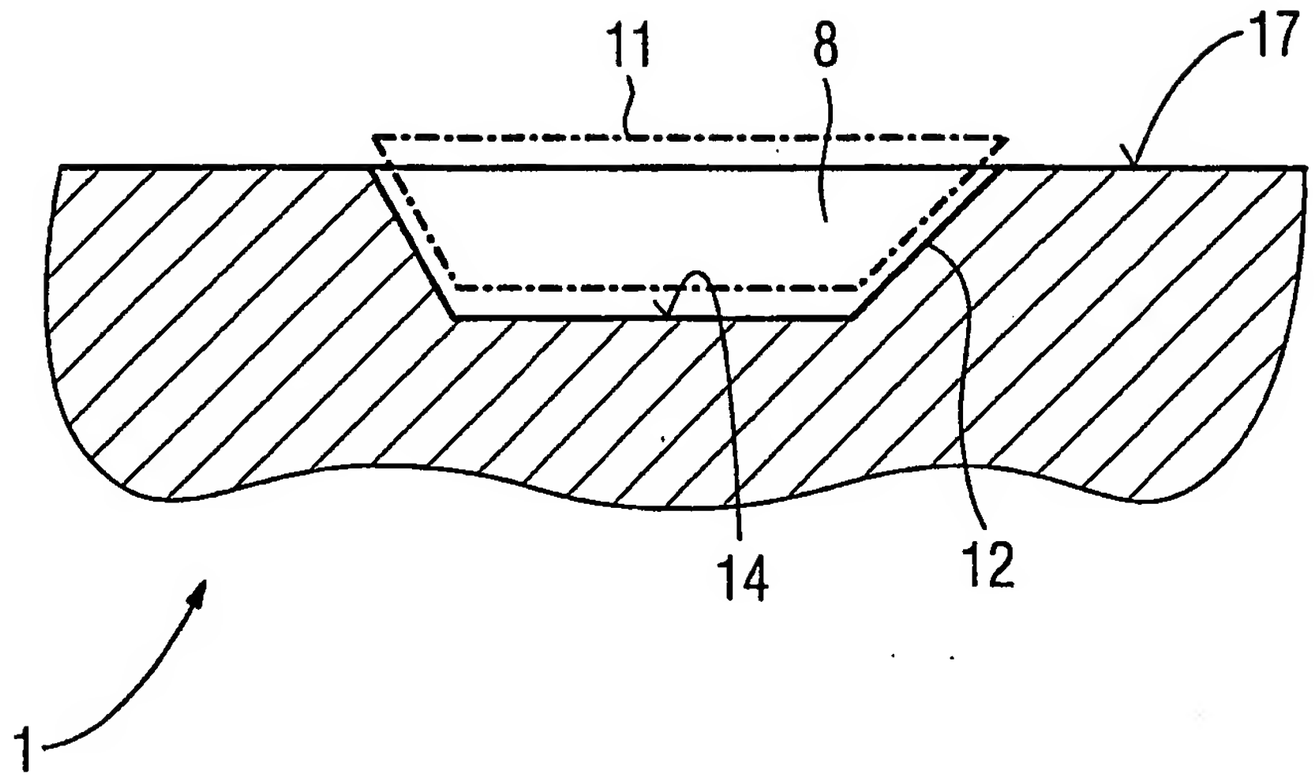
FIG 9